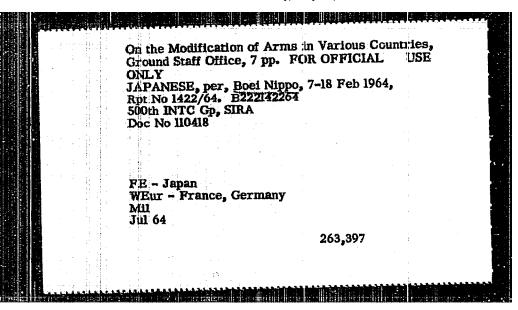
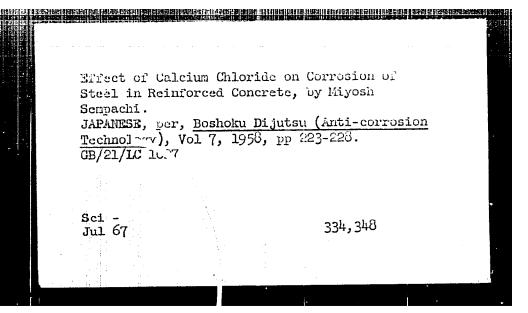
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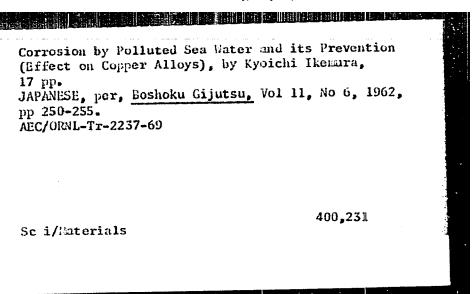
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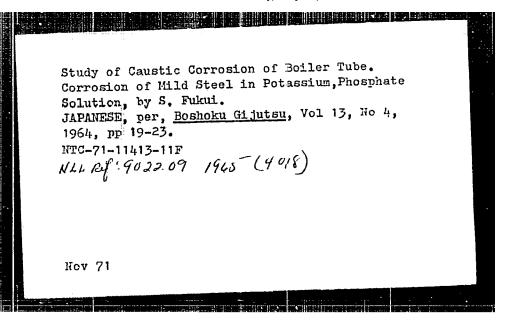
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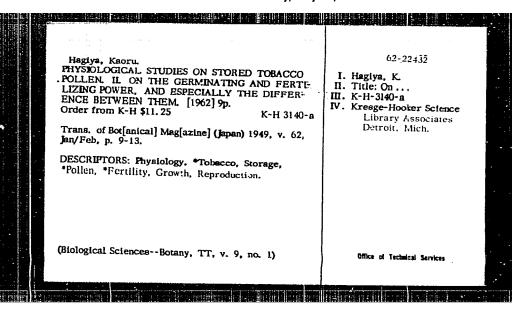
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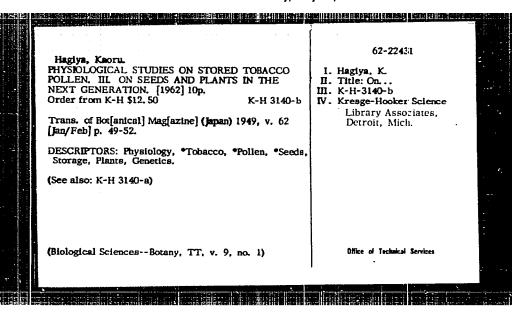
DESCRIPTORS: \*Steel, \*Corrosion inhibition, Sodium compounds, \*Phosphates, Ions, Metals, Calcium, Zinc, Nickel

When sodium hexametaphosphate and bivalent metallic ions in neutral solution were used against the corrosion of steel, the minimum corrosion was obtained at the ratio of sodium/hexametaphosphate 100 to calcium+50, zinc+5 and nickel+60. With 50 ppm, 200 ppm or 300 ppm sodium hexametaphosphate, the same ratios to the metallic ions were maintained. The amount of corrosive reagent was best at 75 to 100 ppm with surface area 0. 42 cm² coupon. The pH had to be 6 to 9 (neutral (Metallurgy--Corrosion, TT, v. 10, no. 1) (over)







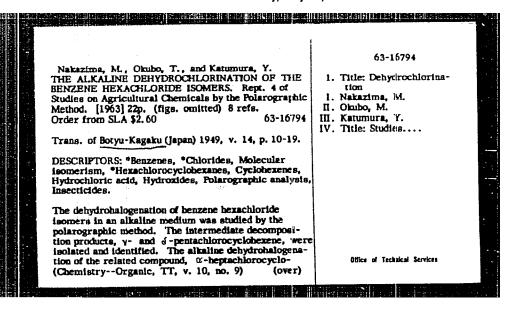


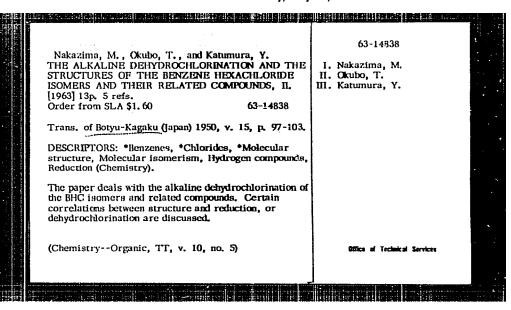
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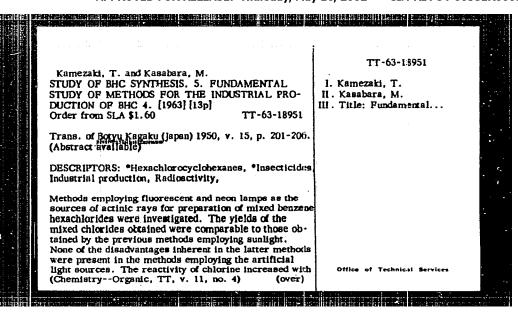
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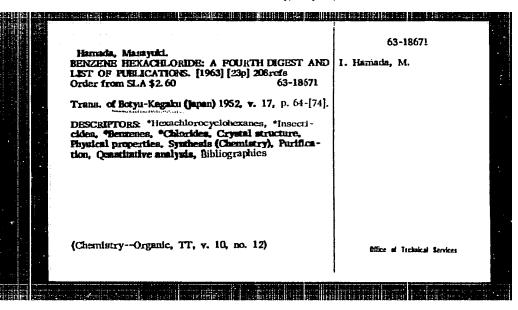
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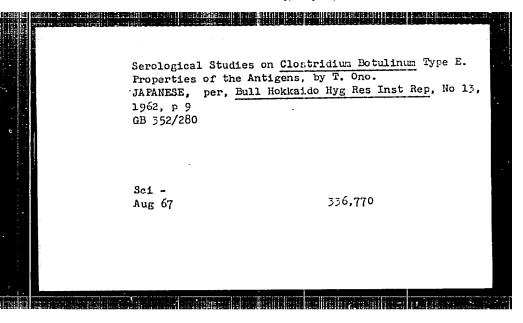
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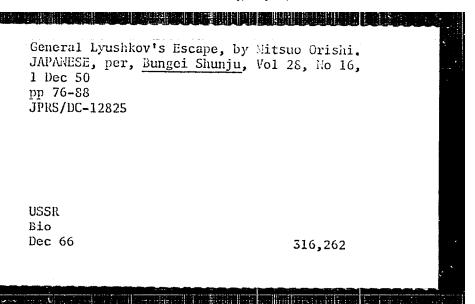
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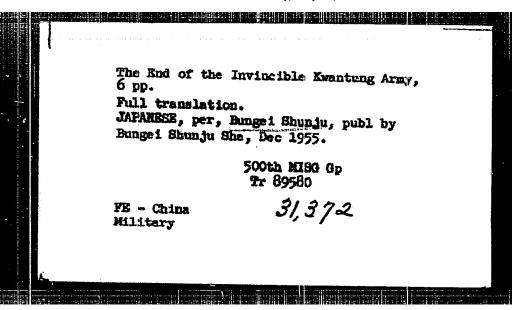
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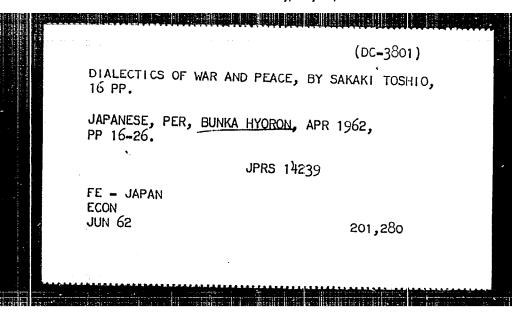
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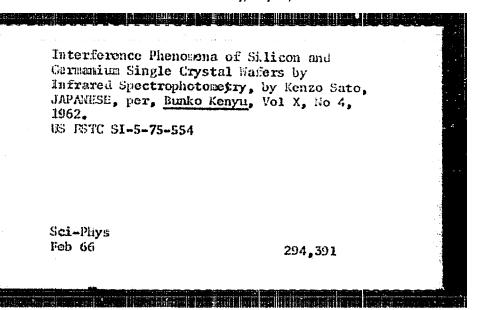
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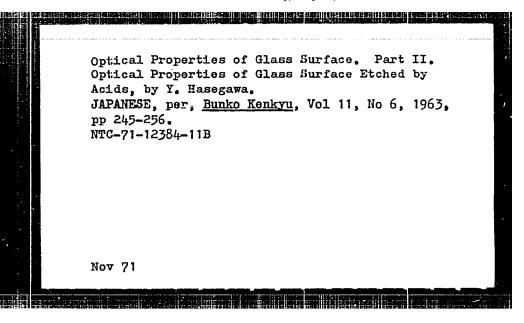
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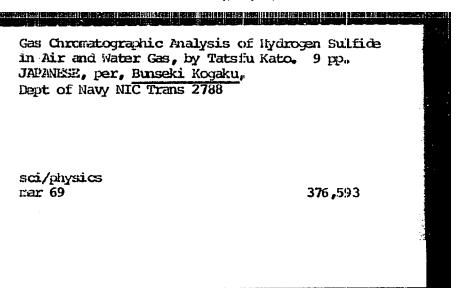
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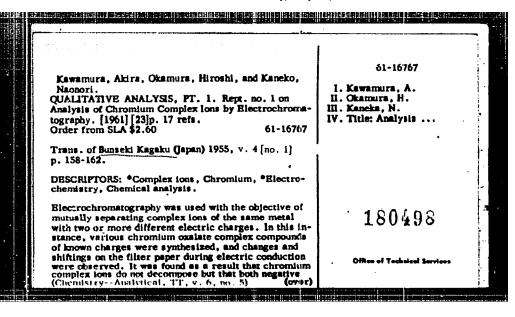
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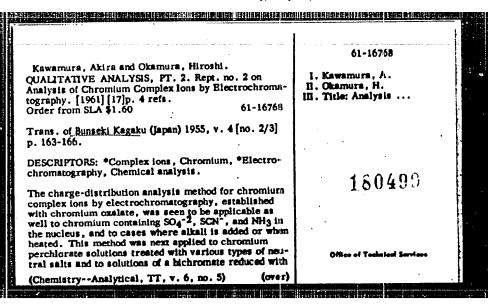
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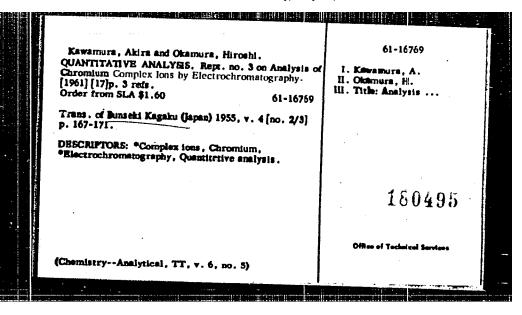
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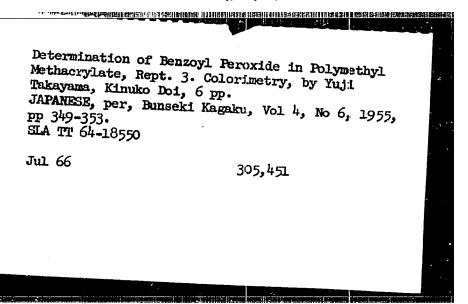




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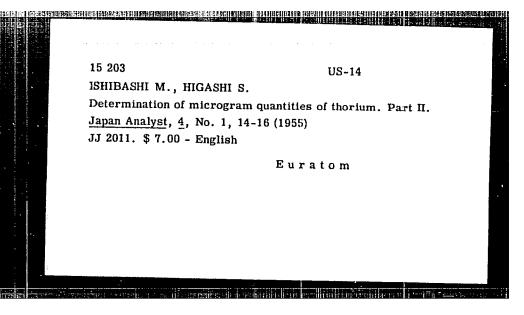
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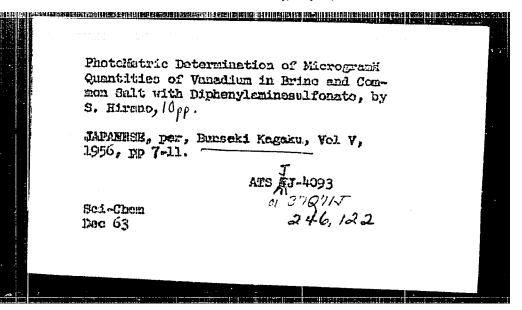
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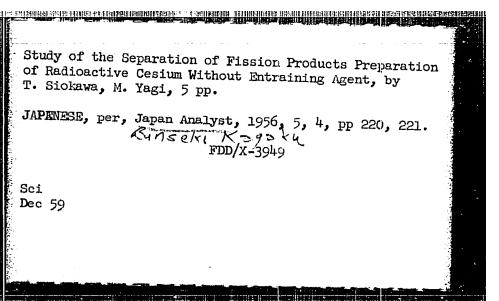


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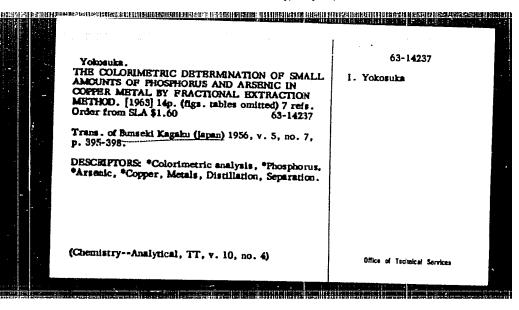
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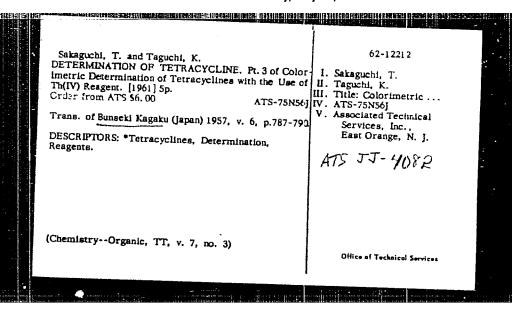
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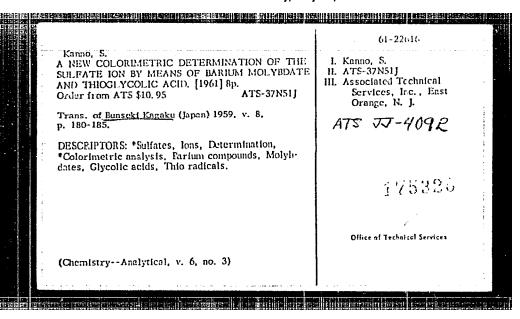
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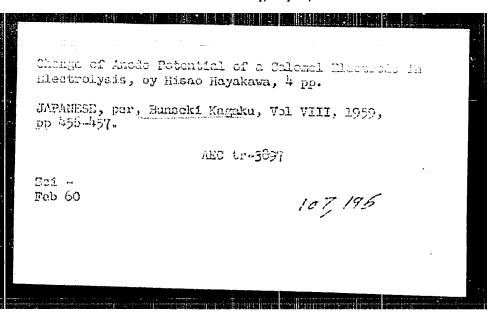
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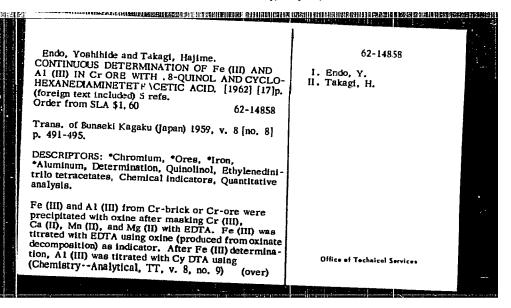
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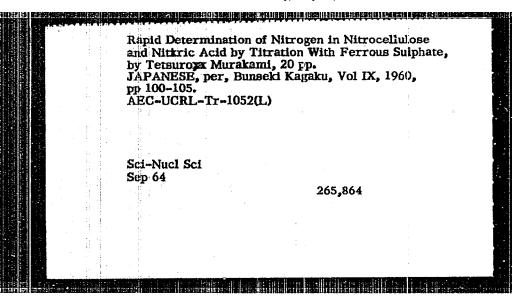
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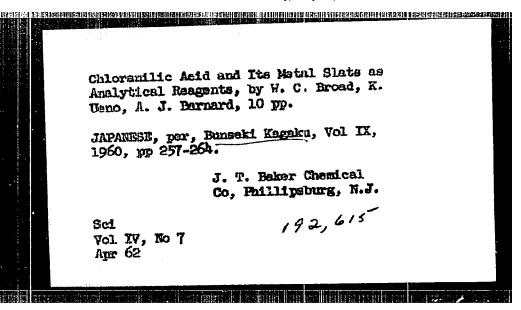


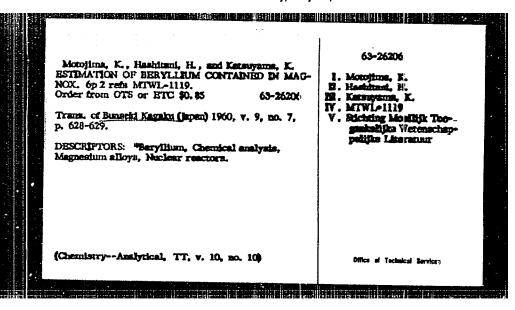
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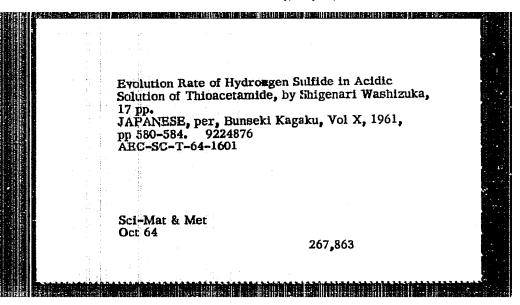
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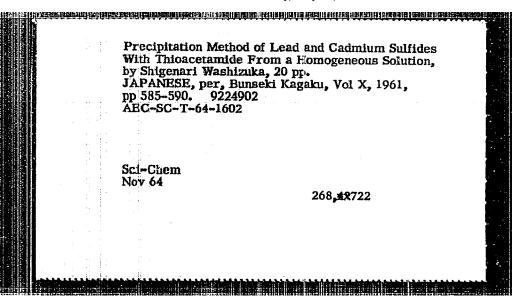
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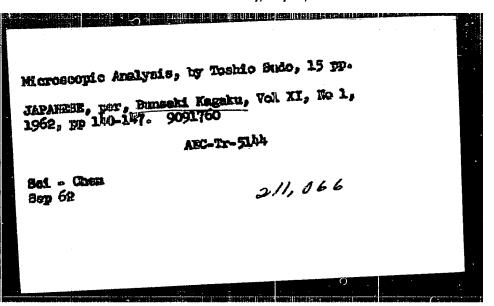
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